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## In the Claims

- 1. Cancelled.
- 2. Cancelled.
- 3. Cancelled.
- 4. Cancelled.
- 5. Cancelled.
- 6. Cancelled.
- 7. Cancelled.
- 8. Cancelled.
- 9. Cancelled.
- 10. Cancelled.
- 11. Cancelled.
- 12. (Previously Presented) A system for forming an injection molded plastic part in a mold comprising:
  - a mold, said mold having a part-forming mold cavity therein;
- sealing members for sealing said mold cavity and preventing gas leakage therefrom:
- a first gas source for supplying a gas into the mold cavity to pre-pressurize the mold cavity to a first pre-determined value;
- an electrical infinitely pressure controlled valve for removing said pre-pressured gas from the mold cavity as desired;
- a gas control mechanism for maintaining the gas pressure in the mold cavity at a second pre-determined value;
  - a source for injecting molten plastic material into the mold cavity;
- a gas pin assembly for supplying gas into the plastic material in the mold cavity; and
  - a second gas source for supplying gas to said gas pin assembly.

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- 13. (Original) The system as recited in claim 12 further comprising:
- at least one ejector pin assembly for ejecting the completed plastic part from the mold cavity.
- 14. (Original) The system as recited in claim 12 wherein said first and second gas source are the same source.
  - 15. Cancelled.
- 16. (Previously Presented) The system as recited in claim 12 further comprising a pressure switch for controlling the operation of said valve.
- 17. (Previously Presented) The system as recited in claim 13 wherein said gas pin assembly and ejector pin assembly are combined in one assembly.
- 18. (New) A system for forming an injection molded plastic part in a mold comprising:
  - a mold, said mold having a part-forming mold cavity therein;
- sealing members for sealing said mold cavity and preventing gas leakage therefrom:
- a first gas source for supplying a gas into the mold cavity to pre-pressurize the mold cavity to a first pre-determined value;
- an electrical infinitely pressure controlled valve for removing said pre-pressured gas from the mold cavity as desired;
- a gas control mechanism for maintaining the gas pressure in the mold cavity at a second pre-determined value;
  - a source for injecting molten plastic material into the mold cavity;
  - a gas pin assembly for supplying gas into the plastic material in the mold cavity;
  - a second gas source for supplying gas to said gas pin assembly; and
- at least one ejector pin assembly for ejecting the completed plastic part from the mold cavity;

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said gas pin assembly and at least one of said ejector pin assemblies being combined in one assembly.